

# Automatic start on Linux systems with systemctl

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Some newer versions of Linux, as there are RHEL 7 and CentOS 7.x, uses the systemctl to start applications at boot.

To enable the Uniface License server DLM to start using systemctl take the next steps.

1. Create a new service unit file at `/etc/systemd/system/dlm.service` with content:

```
dlm.service

[Unit]
Description=Uniface DLM services
After=network.target

[Service]
Type=oneshot
ExecStart=/opt/Compuware/dlm/Linux/amd64/cpwr -start
ExecStop=/opt/Compuware/dlm/Linux/amd64/cpwr -stop
SuccessExitStatus=0 1
TimeoutStartSec=0
RemainAfterExit=yes

[Install]
WantedBy=default.target
```

Note: change the path to the cpwr process name to your actual path if it deviates from the default.

2. make process executable

```
# chmod 755 dlm.service
```

3. Reload the systemd process to consider newly created dlm.service

```
# systemctl daemon-reload
```

4. Enable the service

```
# systemctl enable dlm.service
```

5. Test systemctl start

```
# systemctl start dlm
# ps -ef | grep cpwr
```

6. Test systemctl stop

```
# systemctl stop dlm
# ps -ef | grep cpwr
```

7. Reboot system to test

```
# reboot
# ps -ef | grep cpwr
```

<< DLM Technical Information